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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Georgios B. Giannakis; Confirmation No. 9359
Shengli Zhou

Serial No.: 10/770,116

Filed: February 2, 2004 Customer No.: 28863

Examiner: Unknown

Group Art Unit: 2681

Docket No.: 1008-022US01

Title: ADAPTIVE MODULATION FOR MULTI-ANTENNA TRANSMISSIONS
WITH PARTIAL CHANNEL KNOWLEDGE

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on

September 10, 2004

By: Beth M. Lindblom
Name: Beth M. Lindblom

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

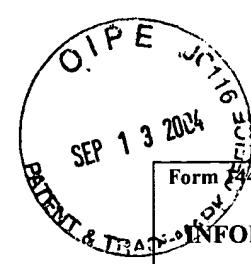
Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed. This statement is being filed, to the best of Applicant's knowledge, before the receipt of a first Office Action on the merits.

Respectfully submitted,

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Form P-149*

**INFORMATION DISCLOSURE
STATEMENT
IN AN APPLICATION**
(Use several sheets if necessary)

Docket Number: 1008-022US01 Application Number: 10/828,104

Applicant: Georgios B. Giannakis; Shengli Zhou

Filing Date: February 2, 2004 Group Art Unit: 2681

Examiner Name: Unknown

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Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No

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EXAMINER	Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820
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